

Listing of Claims:

Claim 1 (currently amended): An electrodialysis method comprising:

contacting an aqueous solution having a total anion or total cation concentration of ~~1-8N~~ 1.8 N or less with a membrane electrodialysis system, the membrane electrodialysis system comprising at least one bipolar membrane in between a plurality of cationic membranes or a plurality of anionic membranes, a cathode electrode, and an anode electrode when all of the membranes are disposed between the cathode electrode and the anode electrode;

applying an electrical potential across the anode electrode and cathode electrode for a time effective for changing the pH of the aqueous solution by at least 2.0 and providing an electrodialyzed composition having a total anion or total cation concentration between about 0.002 N to less than 1.0 N ~~of 1.0N or less~~, individual cation or anion concentrations of ~~0.6N~~ 0.6 N or less, and a free chlorine content of 2 ppm or less.

Claim 2 (original): The method of claim 1 wherein the membrane electrodialysis system includes a bipolar membrane in between two cationic membranes.

Claim 3 (currently amended): The method of claim 2 wherein the electrodialyzed composition has total cation concentration of 0.5 N or less, individual cation concentration of ~~0.3N~~ 0.3 N or less, a free chlorine content of 2 ppm or less and a pH of 5.0 or less.

Claim 4 (currently amended): The method of claim 3 wherein the electrodialyzed composition has total cation concentration of less than ~~0.1N~~ 0.1 N and individual cation concentration of less than ~~0.04N~~ 0.04 N.

Claim 5 (original): The method of claim 1 wherein the membrane electrodialysis system includes a bipolar membrane in between two anionic membranes.

Claim 6 (currently amended): The method of claim 5 wherein the electrodialyzed composition has total anion concentration of ~~0.5N~~ 0.5 N or less, individual anion concentration of ~~0.3N~~ 0.3 N or less, a free chlorine content of 2 ppm or less and a pH ~~of~~ of 8.0 or greater.

Claim 7 (currently amended): The method of claim 6 wherein the electrodialyzed composition has total anion concentration of ~~0.1N~~ 0.1 N or less and individual anion concentrations of ~~0.04N~~ 0.04 N or less.

Claim 8 (original): The method of claim 1 wherein an electrical potential of 0.1 to 10 volts per cell is provided across the anode electrode and cathode electrode.

Claim 9-22 (cancelled)